JC07 Rec'd PCT/PTO 2 6 AUG 2005

| FORM F | PTO-13 | 90 (Modified) U.S. PATENT AND TRADEM | ATTORNEY'S DOCKET NUMBER | | | | | | | |
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| (KEV. 2 | TR | ANSMITTAL LETTER 1 | P1347US | | | | | | | |
| | | DESIGNATED/ELECTE | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | | | |
| | | CERNING A SUBMISS | 10/541,089 | | | | | | | |
| INTER | | IONAL APPLICATION NO. CT/JP2004/000112 | PRIORITY DATE CLAIMED 10, January 2003 | | | | | | | |
| | OF I | NVENTION | 09, January 2004 F MANUFACTURING THE SAME | | | | | | | |
| | | T(S) FOR DO/EO/US Shuhei | | | | | | | | |
| Applic | ant h | erewith submits to the United State | s Designated/Elected Office (DO/EO/US) the | following items and other information: | | | | | | |
| 1. | | | | | | | | | | |
| 1. 2. | ⋈ | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | |
| 3. | | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. | | | | | | | | |
| 4. | | The US has been elected (Article 31). | | | | | | | | |
| 5. | | A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) | | | | | | | | |
| | _ | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | | | |
| | | b. has been communicated by the International Bureau. | | | | | | | | |
| | | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | | |
| 6. | | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | | |
| | | a. is attached hereto. | | | | | | | | |
| | | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 7. | | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | | | | | | | | |
| | | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | |
| | | b. have been communicated by the International Bureau. | | | | | | | | |
| | | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | |
| | | d. have not been made and will not be made. | | | | | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | |
| 9. | | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | | | | | | | |
| 10. | | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | | | | | | | |
| 11. | \boxtimes | A copy of the International Preliminary Examination Report (PCT/IPEA/409). | | | | | | | | |
| 12. | | A copy of the International Search | n Report (PCT/ISA/210). | · | | | | | | |
| Ite | ems 1 | 3 to 23 below concern documen | t(s) or information included: | | | | | | | |
| 13. | | An Information Disclosure Stater | nent under 37 CFR 1.97 and 1.98. | | | | | | | |
| 14. | | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | |
| 15. | | A FIRST preliminary amendment. | | | | | | | | |
| 16. | | A SECOND or SUBSEQUENT preliminary amendment. | | | | | | | | |
| 17. | | A substitute specification. | | | | | | | | |
| 18. | Ď | A power of attorney and/or change of address letter. | | | | | | | | |
| 19. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. | | | | | | | | |
| 20. | | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 21. | | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 22. | | Express Mail Label No. | | | | | | | | |
| 23. | | Other items or information: | | | | | | | | |
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PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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| U.S. APPLICATIO | N NO (if known, see 37 | ATTORNEY'S DOCKET NUMBER | | | | | | | | | | |
|--|--|---|------------------------|-------|------------|--------------|----|--|--|--|--|--|
| | 10/541,089 | P1347US | | | | | | | | | | |
| The following | fees are submitted: | CALCULATIONS | PTO USE | | | | | | | | | |
| 24. 🔲 Basic na | ational fee | \$300 | \$ \$0.00 | | | | | | | | | |
| If International pro satisfy provisions | ation fee eliminary examination of PCT Article 33(1) s | \$ \$200.00 | | | | | | | | | | |
| Search fee (37 Ci the USPTO as ar International Sea All other situation | fee | \$ \$500.00 \$ \$700.00 | | | | | | | | | | |
| Total Sheets | Extra Sheets f | Number of each additional 50 or fraction thereof (round up to a whole | | | RATE | | | | | | | |
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| | 0.00 for furnishing the oriority date (37 CFR | | claration later than n | nonth | s from the | \$ | | | | | | |
| CLAIMS | NUMBER FILE | NUMBER FILED NUMBER EXTRA F | | | | | | | | | | |
| Total claims | 19 - | 20 = | 0 | x | \$50.00 | \$ \$0.00 | | | | | | |
| Independent clair | ns 2 - | . 3 = | 0 | х | \$200.00 | \$ \$0.00 | | | | | | |
| MULTIPLE DEPE | NDENT CLAIMS (if | applicable) | | + | \$360.00 | \$ \$0.00 | | | | | | |
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| reduced by 1 | 1/2. | | | S | SUBTOTAL = | \$ \$0.00 | | | | | | |
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| the earnest claim | ed priority date (57 t | \$ \$0.00 | | | | | | | | | | |
| | the enclosed assign an appropriate cover | \$ \$0.00 | | | | | | | | | | |
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| a. | | | | | | | | | | | | |
| b. 🔲 Please o | b. Please charge my Deposit Account No. in the amount of to cover the above fees. | | | | | | | | | | | |
| | A duplicate copy of this sheet is enclosed. | | | | | | | | | | | |
| _ | c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1030 . A duplicate copy of this sheet is enclosed. | | | | | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a perition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | | | | |
| SEND ALL CORE | RESPONDENCE TO | 2 2 Lb s. Dr.O | | | | | | | | | | |
| Gerald E. Hespe | | E | | | | | | | | | | |
| CASELLA & H | | Hespos 8-24-05 | | | | | | | | | | |
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| Fax (212) 725-2 | 452 | TION NUMBER | | | | | | | | | | |